Fig.1

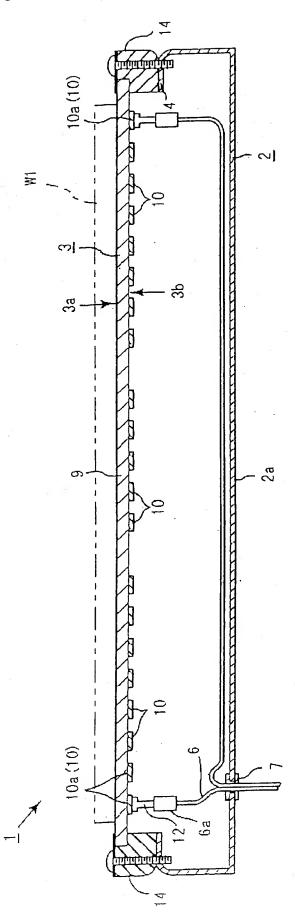


Fig.2

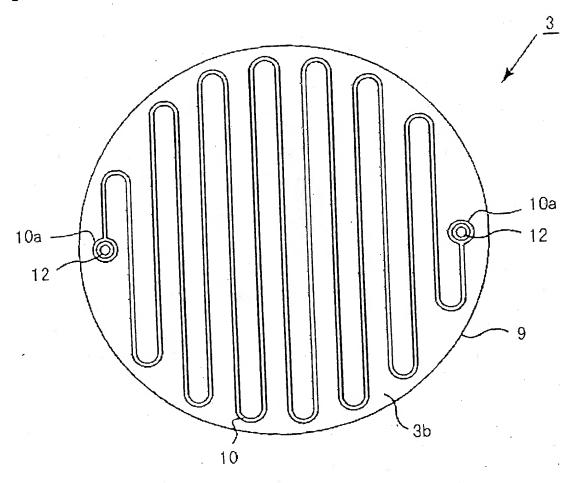
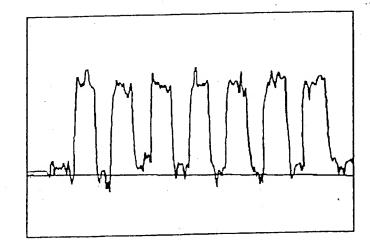


Fig.3 12 3 Hot plate 17 S1 10 Resistance element 10a(10) 3b ) 16 Insulating 15 substrate 17 Third layer(Ni layer) 1.6 Second layer (Mo layer) За 15 First layer(Ti layer)

Fig.4

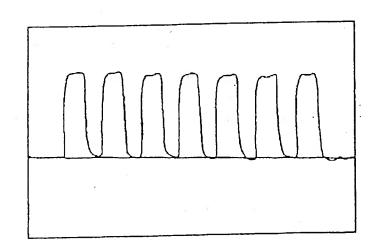
(a)

Ra=0.5



(b)

Ra=0.1



(c)

Ra=0.03

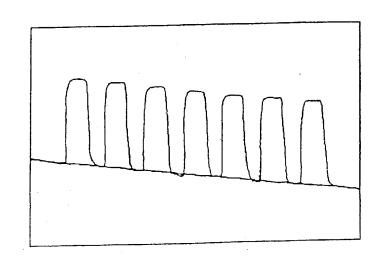
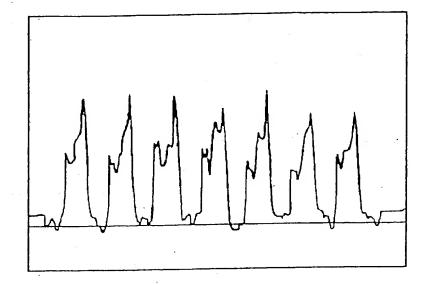
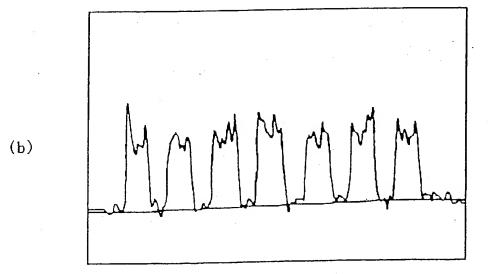


Fig.5

(a)



Perpendicular to the printing direction



Parallel to the printing direction